



08/930 480

SEQUENCE LISTING

*Sub
F8*

<110> BRACCO, Laurent
SCHWEIGHOFFER, Fabien
TOCQUE, Bruno

<120> CONDITIONAL EXPRESSION SYSTEM

<130> ST95021-US

<140> 08/930, 480
<141> 1998-01-21

<150> PCT/FR96/00477
<151> 1996-03-29

<150> FR95/03841
<151> 1995-03-31

<160> 32

<170> PatentIn Ver. 2.1

<210> 1
<211> 19
<212> DNA
<213> Escherichia coli

<400> 1
tctctatcac tgataggga
19

<210> 2
<211> 17
<212> DNA
<213> Bacteriophage lambda

<400> 2
tatcaccgca aggata
17

<210> 3
<211> 74
<212> PRT
<213> Homo sapiens

<400> 3
Lys Lys Pro Leu Asp Gly Glu Tyr Phe Thr Leu Gln Ile Arg Gly Arg
1 5 10 15

Glu Arg Phe Glu Met Phe Arg Glu Leu Asn Glu Ala Leu Glu Leu Lys
20 25 30

Asp Ala Gln Ala Gly Lys Glu Pro Gly Gly Ser Arg Ala His Ser Ser
35 40 45

His Leu Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg His Lys Lys Leu

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50

55

60

Met Phe Lys Thr Glu Gly Pro Asp Ser Asp
65 70

<210> 4
<211> 768
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: ScFv Against
p53

<400> 4
ttactcgcgg cccagccggc catggcccag gtgcagctgc agcagtctgg ggcagagctt
60
gtaaggtcag gggcctcagt caagttgtcc tgcacagctt ctggcttcaa cattaaagac
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tactatatgc actgggtgaa gcagaggcct gaacagggcc tggagtggat tggatggatt
180
gatcctaaga atggtgatac tgaatatgcc ccgaagttcc agggcaaggc cactatgact
240
gcagacacat cctccaataac agcctacctg cagctcagca gcctggcatc tgaggacact
300
gccgtgtatt attgttaattt ttacgggat gctttggact attggggcca agggaccacg
360
gtcaccgtct cctcaggtgg aggcggttca ggcggaggtg gctctggcgg tggcggatcg
420
gatgtttga tgacccaaac tccactcact ttgtcggtta ccattggaca accagcctcc
480
atctcttgca agtcaagtca gagcctctt gatagtgtatg gaaaaacata tttgaattgg
540
ttgttacaga ggccaggcca gtctccaaag cgcctaattct atctgggtgc taaactggac
600
tctggagtcc ctgacaggtt cactggcagt ggatcaggga cagatttcac actaaaaatc
660
aacagagtgg aggctgagga tttggagtt tattattgtt ggcaaggtac acattctccg
720
cttacgttcg gtgctggcac caagctggaa attaaacggg cggccgca
768

D
CMT
<210> 5
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Peptide Arm
(Hinge)

<400> 5
Gly Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly Ser
1 5 10 15

<210> 6
<211> 30
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Peptide Arm
(Hinge)

<220>

<221> CDS

<222> (1)..(30)

<223> Peptide Arm Coding Sequence

<400> 6

ccc aag ccc agt acc ccc cca ggt tct tca
30

Pro Lys Pro Ser Thr Pro Pro Gly Ser Ser
1 5 10

<210> 7

<211> 10

<212> PRT

<213> Artificial Sequence

<223> Description of Artificial Sequence: Peptide Arm
(Hinge)

<400> 7

Pro Lys Pro Ser Thr Pro Pro Gly Ser Ser
1 5 10

<210> 8

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: VSV Tag
Peptide

<220>

<221> CDS

<222> (1)..(18)

<223> VSV Tag Peptide Coding Sequence

<400> 8

atg aac cgg ctg ggc aag
18

Met Asn Arg Leu Gly Lys
1 5

<210> 9

<211> 6

<212> PRT

<213> Artificial Sequence

<223> Description of Artificial Sequence: VSV Tag
Peptide

<400> 9

Met Asn Arg Leu Gly Lys

D
CON

<210> 10
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: myc Tag Peptide

<220>
<221> CDS
<222> (1)..(33)
<223> myc Tag Peptide Coding Sequence

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gaa caa aaa ctc atc tca gaa gag gat ctg aat
33
Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Asn
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<210> 11
<211> 11
<212> PRT
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<223> Description of Artificial Sequence: myc Tag Peptide

<400> 11
Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Asn
1 . 5 10

<210> 12
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: SV40 NLS Peptide

<400> 12
Pro Lys Lys Lys Arg Lys Val
1 . 5

<210> 13
<211> 76
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide

D
Cont

<400> 13
ggctctagac ccaagccag taccggccaa ggttcttcaa cgcggtggatc catgtccaga
60
ttagataaaa gttaaag
76

<210> 14
<211> 51
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide

<400> 14
cgtacggaat tcggggccctt actcgaggga cccactttca catttaagtt g
51

<210> 15
<211> 76
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide

<400> 15
ggctctagac ccaagccag taccggccaa ggttcttcaa cgcggtggatc catggaacaa
60
cgcataaccc tgaaag
76

<210> 16
<211> 51
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide

<400> 16
cgtacggaat tcggggccctt actcgagtgc tgttgtttt ttgttactcg g
51

D
CONT
<210> 17
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide

<400> 17

caggccatgg catgaagaaa ccactggatg gagaa
35

<210> 18
<211> 43
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide

<400> 18
cgtcggatcc tctagatgcg gccgcgtctg agtcaggccc ttc
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<210> 19
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide

<400> 19
caggctcgag aagaaaccac tggatggaga a
31

<210> 20
<211> 61
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide

<400> 20
caggctcgag cccaagccca gtacccccc agttttca aagaaaccac tggatggaga
60
a
61

D
Cont.

<210> 21
<211> 37
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide

<400> 21
ggtcgaattc gggccctcag tctgagtcag gcccttc
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<210> 22
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
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Oligonucleotide

<400> 22
caggccatgg aggagccgca gtcagatcc
29

<210> 23
<211> 46
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide

<400> 23
cgtcggatcc tctagatgcg gccgccacgg ggggagcagc ctctgg
46

<210> 24
<211> 66
<212> PRT
<213> Bacteriophage lambda

<400> 24
Met Glu Gln Arg Ile Thr Leu Lys Asp Tyr Ala Met Arg Phe Gly Gln
1 5 10 15

Thr Lys Thr Ala Lys Asp Leu Gly Val Tyr Gln Ser Ala Ile Asn Lys
20 25 30

Ala Ile His Ala Gly Arg Lys Ile Phe Leu Thr Ile Asn Ala Asp Gly
35 40 45

Ser Val Tyr Ala Glu Glu Val Lys Pro Phe Pro Ser Asn Lys Lys Thr
50 55 60

Thr Ala
65

<210> 25
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide

<400> 25

gatccttatca ccgcaaggga taa
23

<210> 26
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide

<400> 26
gatagtggcg ttcccttattt cga
23

<210> 27
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
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Oligonucleotide

<400> 27
gatccgactt tcactttctt ctatcactga tagtgagtgg taaaactca
48

<210> 28 ..
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide

<400> 28
agcttgagtt taccactccc tatcagtgtat agagaaaaagt gaaagtgc
48

D
CMT

<210> 29
<211> 96
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Double
Stranded Teto DNA

<400> 29
gatccgactt tcactttctt ctatcactga tagtgagtgg taaaactcactt aggctcaaag
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tggaaaagaga tagtgactat cactcaccat ttgagt
96

<210> 30
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic
Vector

<220>
<223> Sequence maybe repeated

<400> 30
Leu Lys Leu Lys
1

<210> 31
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic
Vector

<220>
<223> Sequence may be repeated

<400> 31
Leu Lys Lys Leu
1

<210> 32
<211> 42
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:TETop

<400> 32
gactttcaact tttctctatc actgataggg agtggtaaac tc
42

D
cont